

Date: Mon, 21 Mar 94 14:09:02 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V94 #314  
To: Info-Hams

Info-Hams Digest                      Mon, 21 Mar 94                      Volume 94 : Issue    314

Today's Topics:

                    1994 Contest calendar enclosed  
        Daily Summary of Solar Geophysical Activity for 19 March  
        Daily Summary of Solar Geophysical Activity for 20 March  
                Macintosh Amateur Radio Software - January 1994  
                        Packet, Internet & the FCC  
                        QSL Route  
    US License Examination Opportunities Scheduled 3/18/94 to 6/20/94  
    WARNING: Potential Satellite Anomaly Warning Update - 20 March  
            What is (and how do I make) a diplexer?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 21 Mar 94 18:23:38 GMT  
From: dog.ee.lbl.gov!agate!news.Brown.EDU!noc.near.net!xap!  
usenet@uchvax.berkeley.edu  
Subject: 1994 Contest calendar enclosed  
To: info-hams@ucsd.edu

dbushong@wang.com (Dave Bushong)

>

>Here is the 1994 contest calendar from CQ.  
[lots deleted]  
>ARRL June VHF Contest 2/Jun 33

Looks like either CQ misprinted this or someone somewhere made an  
assumption that the ARRL June VHF QSO Party is on its traditional

I've already written letters to several ARRL people to complain about the date change. Dave Sumner at ARRL HQ replied to tell me he is passing it off to the ARRL Membership Services Department. I don't think there's much chance of the date being moved back to its traditional second weekend of June.

Date: Sun, 20 Mar 1994 12:52:55 MST  
From: ihnp4.ucsd.edu!usc!math.ohio-state.edu!cyber2.cyberstore.ca!nntp.cs.ubc.ca!  
alberta!ve6mgs!usenet@network.ucsd.edu  
Subject: Daily Summary of Solar Geophysical Activity for 19 March  
To: info-hams@ucsd.edu

(Based In-Part On SESC Observational Data)

NOTE: Minor stratospheric warming exists over eastern Siberia, Alaska, Canada, the Canadian Arctic, Greenland, and southern Europe. The temperature gradient is reversed between 60N and the pole at 10 hPa and above.

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!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 078, 03/19/94
10.7 FLUX=089.1  90-AVG=106          SSN=011          BKI=3434 1113  BAI=013
BGND-XRAY=A6.1    FLU1=1.2E+06  FLU10=1.7E+04  PKI=4434 3223  PAI=015
    BOU-DEV=034,042,023,042,006,008,006,021  DEV-AVG=022 NT    SWF=00:000
    XRAY-MAX= B1.3    @ 0730UT    XRAY-MIN= A4.9    @ 0108UT    XRAY-AVG= A8.9
NEUTN-MAX= +003%    @ 1130UT    NEUTN-MIN= -002%    @ 0835UT    NEUTN-AVG= +0.3%
    PCA-MAX= +0.2DB @ 0025UT    PCA-MIN= -0.2DB @ 2335UT    PCA-AVG= +0.0DB
BOUTF-MAX=55344NT @ 0339UT    BOUTF-MIN=55312NT @ 1813UT    BOUTF-AVG=55331NT

```

GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+066,+000,+000  
GOES6-MAX=P:+120NT@ 1941UT GOES6-MIN=N:-122NT@ 0704UT G6-AVG=+086,+025,-050  
FLUXFCST=STD:090,090,095;SESC:090,090,095 BAI/PAI-FCST=010,015,020/015,025,030  
KFCST=2334 3222 2334 4334 27DAY-AP=013,060 27DAY-KP=4333 3222 2237 7756  
WARNINGS=  
ALERTS=  
!!END-DATA!!

NOTE: The Effective Sunspot Number for 18 MAR 94 was 28.0.  
The Full Kp Indices for 18 MAR 94 are: 4o 4+ 4+ 2+ 3o 2+ 2o 3+  
The 3-Hr Ap Indices for 18 MAR 94 are: 30 32 31 9 15 9 7 20  
Greater than 2 MeV Electron Fluence for 19 MAR is: 4.0E+08

#### SYNOPSIS OF ACTIVITY

-----  
Solar activity was very low. Just one simple spot group, 7692 (N19E19), remains. The northernmost 8 degrees of the large diagonally-oriented filament in the western hemisphere disappeared during the first part of the day. A prominence located near N21E90 was seen to erupt at 0633Z.

Solar activity forecast: solar activity is expected to persist at very low levels.

The geomagnetic field has been at quiet to active levels for the past 24 hours. Nighttime substorms have weakened. The greater than 2 MeV electron event is declining, with peak values of near 1.0E+04 observed during the day.

Geophysical activity forecast: the geomagnetic field is expected to be predominantly unsettled the first half of the forecast period. A favorably positioned coronal hole should send high speed solar wind this way the latter part of the interval. Active to minor storm conditions are anticipated then.

Event probabilities 20 mar-22 mar

Class M	01/01/01
Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 20 mar-22 mar

A. Middle Latitudes

Active	25/25/45
Minor Storm	15/15/25
Major-Severe Storm	05/05/10

B. High Latitudes

Active	25/25/40
Minor Storm	15/15/30
Major-Severe Storm	05/05/15

HF propagation conditions were near-normal over all regions. Similar conditions are expected over the next 24 to 48 hours. However, another well-placed coronal hole could give degraded propagation again on 22 March.

# COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

## REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 19/2400Z MARCH

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
7692	N18E19	161	0060	HSX	02	001	ALPHA	
7688	N19W49	229					PLAGE	
7691	N07W57	237					PLAGE	

REGIONS DUE TO RETURN 20 MARCH TO 22 MARCH

NMBR	LAT	LO
7679	N02	084
7682	S19	069

## LISTING OF SOLAR ENERGETIC EVENTS FOR 19 MARCH, 1994

BEGIN	MAX	END	RGN	LOC	XRAY	OP	245MHZ	10CM	SWEEP
NONE									

## POSSIBLE CORONAL MASS EJECTION EVENTS FOR 19 MARCH, 1994

BEGIN	MAX	END	LOCATION	TYPE	SIZE	DUR	II	IV
19/B0633		0813	N21E90	EPL				

## INFERRED CORONAL HOLES. LOCATIONS VALID AT 19/2400Z

ISOLATED HOLES AND POLAR EXTENSIONS

EAST	SOUTH	WEST	NORTH	CAR	TYPE	POL	AREA	OBSN
NO DATA AVAILABLE FOR ANALYSIS								

# SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	2695 MHz	8800 MHz	15.4 GHz
18 Mar:	0235	0320	0539	C2.7						

# REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

	C	M	X	S	1	2	3	4	Total	(%)
Uncorrelated:	1	0	0	0	0	0	0	0	001	(100.0)

Total Events: 001 optical and x-ray.

# EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	Sweeps/Optical Observations
NO EVENTS OBSERVED.								

## NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II	= Type II Sweep Frequency Event
III	= Type III Sweep
IV	= Type IV Sweep
V	= Type V Sweep
Continuum	= Continuum Radio Event
Loop	= Loop Prominence System,
Spray	= Limb Spray,
Surge	= Bright Limb Surge,
EPL	= Eruptive Prominence on the Limb.

\*\* End of Daily Report \*\*

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Date: 21 Mar 94 14:36:11 GMT  
From: agate!howland.reston.ans.net!math.ohio-state.edu!cyber2.cyberstore.ca!  
nnntp.cs.ubc.ca!alberta!ve6mgs!usenet@ucbvax.berkeley.edu  
Subject: Daily Summary of Solar Geophysical Activity for 20 March  
To: info-hams@ucsd.edu

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DAILY SUMMARY OF SOLAR GEOPHYSICAL ACTIVITY

20 MARCH, 1994

\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\

(Based In-Part On SESC Observational Data)

SOLAR AND GEOPHYSICAL ACTIVITY INDICES FOR 20 MARCH, 1994  
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NOTE: Minor stratospheric warming exists over southeastern Europe and western Siberia, and over eastern Siberia, Alaska, and Canada with the adjacent Arctic. The temperature gradient is reversed between 60N and the pole above 10 HPA.

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 079, 03/20/94  
10.7 FLUX=088.6 90-AVG=106 SSN=011 BKI=3331 0222 BAI=008  
BGND-XRAY=A4.9 FLU1=1.8E+06 FLU10=1.7E+04 PKI=3333 2233 PAI=011  
BOU-DEV=021,021,023,008,003,012,012,019 DEV-AVG=014 NT SWF=00:000  
XRAY-MAX= B1.3 @ 1139UT XRAY-MIN= A3.4 @ 1945UT XRAY-AVG= A6.6  
NEUTN-MAX= +003% @ 2235UT NEUTN-MIN= -002% @ 1005UT NEUTN-AVG= +0.7%  
PCA-MAX= +0.2DB @ 0015UT PCA-MIN= -0.4DB @ 0825UT PCA-AVG= +0.0DB  
BOUTF-MAX=55340NT @ 1457UT BOUTF-MIN=55305NT @ 1939UT BOUTF-AVG=55329NT  
GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+082,+000,+000  
GOES6-MAX=P:+144NT@ 1921UT GOES6-MIN=N:-086NT@ 0403UT G6-AVG=+099,+021,-040  
FLUXFCST=STD:090,090,095;SESC:090,090,095 BAI/PAI-FCST=015,020,015/020,030,025  
KFCST=2334 4334 3445 5333 27DAY-AP=060,046 27DAY-KP=2237 7756 7645 4333  
WARNINGS=  
ALERTS=  
!!END-DATA!!

NOTE: The Effective Sunspot Number for 19 MAR 94 was 28.2.  
The Full Kp Indices for 19 MAR 94 are: 4- 4- 3+ 4- 3o 2o 2+ 3-  
The 3-Hr Ap Indices for 19 MAR 94 are: 24 24 17 21 16 7 9 13  
Greater than 2 MeV Electron Fluence for 20 MAR is: 8.6E+08

## SYNOPSIS OF ACTIVITY

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Solar activity was very low. Region 7692 (N18E06) is the only region visible. No activity of any type was reported.

Solar activity forecast: solar activity is expected to be very low.

The geomagnetic field was quiet to unsettled. The greater than 2 MeV electron fluxes continue to hover near  $1.0E+04$ .

Geophysical activity forecast: the geomagnetic field is expected to be unsettled to mildly active over the next 24 hours. High speed solar wind from a well-located coronal hole is due early on 22 March. This disturbance should slowly weaken by the end of the interval.

### Event probabilities 21 mar-23 mar

Class M	01/01/01
Class X	01/01/01
Proton	01/01/01
PCAF	Green

### Geomagnetic activity probabilities 21 mar-23 mar

#### A. Middle Latitudes

Active	25/45/40
Minor Storm	15/25/20
Major-Severe Storm	05/10/10

#### B. High Latitudes

Active	25/40/35
Minor Storm	15/30/25
Major-Severe Storm	05/15/15

HF propagation conditions were normal over all regions. Similar conditions are expected over the next 72 hours. Minor signal degradation is expected at times for high and polar latitude night-sector paths.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

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REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 20/2400Z MARCH

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-----
NMBR LOCATION  LO  AREA  Z   LL   NN MAG TYPE
7692  N18E06  160  0040 HSX  02   001 ALPHA
7688  N19W62  228                PLAGE
7691  N07W70  236                PLAGE
REGIONS DUE TO RETURN 21 MARCH TO 23 MARCH
NMBR LAT    LO
7682 S19    071
7686 N08    037
  
```

LISTING OF SOLAR ENERGETIC EVENTS FOR 20 MARCH, 1994

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-----
BEGIN  MAX  END  RGN   LOC   XRAY  OP 245MHZ 10CM  SWEEP
NONE
  
```

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 20 MARCH, 1994

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-----
BEGIN      MAX      END      LOCATION  TYPE  SIZE  DUR  II IV
20/ 1039    1138    1315                LDE   B1.3  156
  
```

INFERRED CORONAL HOLES. LOCATIONS VALID AT 20/2400Z

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ISOLATED HOLES AND POLAR EXTENSIONS
EAST  SOUTH WEST  NORTH CAR TYPE POL  AREA  OBSN
NO DATA AVAILABLE FOR ANALYSIS
  
```

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

```

-----
Date   Begin  Max   End  Xray  Op Region  Locn      2695 MHz  8800 MHz  15.4 GHz
-----
NO EVENTS OBSERVED.
  
```

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

```

-----
C   M   X   S   1   2   3   4   Total  (%)
--  --  --  --  --  --  --  --  ---  ---
Uncorrelated: 0   0   0   0   0   0   0   0   000  ( 0.0)
  
```

Total Events: 000 optical and x-ray.



EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

-----  
Date    Begin    Max    End    Xray    Op Region    Locn    Sweeps/Optical Observations  
-----  
NO EVENTS OBSERVED.

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II            = Type II Sweep Frequency Event  
III           = Type III Sweep  
IV            = Type IV Sweep  
V             = Type V Sweep  
Continuum    = Continuum Radio Event  
Loop          = Loop Prominence System,  
Spray         = Limb Spray,  
Surge         = Bright Limb Surge,  
EPL           = Eruptive Prominence on the Limb.

★★ End of Daily Report ★★

-----  
Date: 21 Mar 1994 14:27:02 -0500  
From: hp81.prod.aol.net!search01.news.aol.com!not-for-mail@uunet.uu.net  
Subject: Macintosh Amateur Radio Software - January 1994  
To: info-hams@ucsd.edu

In article <2m4g40INNhgv@sweetpea.genrad.com>, dls@genrad.com (Diana L. Carlson) writes:

And I have noted this in the latest version to be relased in amonth or so.

Thanks Diana... sorry you lost your Mac! I know that many people enjoyed using your Hyoercard stacks to prep for their tests!

Has anyone else picked up the role of keeping the stacks up-to-date? Is there a

volunteer out there on the net?

73 for now.... c u on the shortwaves

Terry Stader - KA8SCP

America Online Ham Radio Club Host

Ham Radio Software for the Macintosh List Maintainer

-----

Date: 21 Mar 94 12:57:37 GMT

From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!

news.intercon.com!psinntp!psinntp!psinntp!barilvm!vms.huji.ac.il!

gorski@network.ucsd.edu

Subject: Packet, Internet & the FCC

To: info-hams@ucsd.edu

In article <netnewsCMvvLn.964@netcom.com>, jrimmer@netcom.com writes:

>

> I've been seeing snippets of messages here and there about the Amateur  
> rules and Packet, but've been unable to glean a straight answer. What are the  
> current rules for message forwarding? i.e. I want to set my computer up to  
> receive Internet mail, and then forward it over packet, is this kosher?  
> According to a year old FAQ, it is as long as you "hand" forward the  
> messages. I really don't want to do that... Furthermore, the FAQ specifies  
> that the FCC sees Internet mail as third-party traffic, therefore must be  
> screened by the control-op.  
> Do these rules still apply? Or has Internet Mail forwarding been given  
> a blessing by the FCC? What's up?

>

> Jason Rimmer

> Eclectic Technologies

> jrimmer@netcom.com

> Where technology and your desk meet (most of the time)

Now let us not forget third-party treaties and business traffic rules.

When In doubt I find that a good course is to follow the more restrictive of  
the rulings that apply.

The may not really be an "on point answer" but it is my 2 cents/2 agarot worth.

Shalom and 73's from Jerusalem,

Azriel 4X1PI/W7SI

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Date: 21 Mar 94 21:20:35 GMT

From: news-mail-gateway@ucsd.edu

Subject: QSL Route  
To: info-hams@ucsd.edu

Hi Gang,

Does anybody out there in Cyberspace, know the QSL route for VP2MKY or the where abouts of KY5R?

Thanks in advance

Lynn Geitgey KB0LRB

-----  
Date: 20 Mar 94 14:06:41 GMT  
From: agate!howland.reston.ans.net!math.ohio-state.edu!cyber2.cyberstore.ca!  
nntp.cs.ubc.ca!alberta!ve6mgs!usenet@ucbvax.berkeley.edu  
Subject: US License Examination Opportunities Scheduled 3/18/94 to 6/20/94  
To: info-hams@ucsd.edu

#### AMATEUR RADIO EXAMINATION OPPORTUNITIES

\*\*\*\*\*

Special Note: Amateur Radio licenses usually arrive between 8 and 10 weeks after the test session. The FCC considers their processing time to be 90 days--from the date they receive the application. The FCC usually receives the application one to two weeks after the test session (once the VE Team and the coordinating VEC have completed their processing).

Note: Codeless Technician to Technician w/HF upgraders (who pass a Morse code test) will not receive a new license from the FCC. The existing Technician license plus the CSCE conveying the Morse code test credit is the only documentation issued for use of the additional HF privileges.

\*\*\*\*\*

The following test session information is provided by the ARRL/VEC for the upcoming six to eight week period. For further information, please contact the test session CONTACT PERSON at the telephone number provided. If necessary, you may contact the ARRL/VEC at 203-666-1541 x282 for additional information. Electronic mail may be forwarded to the ARRL/VEC

via USENET at "bjahnke@arrl.org" or via MCI Mail to  
MCI ID: 653-2312 or 215-5052.

Although the test session information presented here does not indicate whether walk-ins are accepted or not, most test sessions do allow walk-ins. We encourage you, however, to always contact the CONTACT PERSON at the telephone number provided so that the VE Team is aware that you be attending the test session.

#### STILL NEED TO PREPARE FOR YOUR EXAM?

If you would like information on how to become licensed; or how to locate Amateur Radio clubs, instructors, licensing classes and/or Novice examiners in your area; please contact the ARRL Educational Activities Department (EAD) at 203-666-1541 x219. The EAD can also provide information on recommended study materials. Electronic mail may be forwarded to the ARRL EAD via USENET at "rwhite@arrl.org" or via MCI Mail to MCI ID: 215-5052.

#### EXAM LISTINGS - DEFINITION OF FIELDS

##### STATE

Test Date,VEC,City,,Contact Phone,Contact Person

The SECOND field in the following listing specifies the VEC which is coordinating this examination. This single-character designator denotes the VEC as defined below. An "A" (for example) indicates that this examination is coordinated by the ARRL/VEC.

For further information on any examinations listed, or if you do not find any examinations listed for your area, you may contact any of the coordinating VECs below.

A = ARRL/VEC, 225 Main St, Newington, CT 06111; (d) 203-666-1541  
The 1994 test fee is \$5.75.

X = Anchorage ARC, 2628 Turnagain Parkway, Anchorage, AK 99517;  
(d) 907-786-8121, (n) 907-243-2221 (or) 907-276-5121  
(or) 907-274-5546

C = Central Alabama VEC, 1215 Dale Dr SE, Huntsville, AL 35801;  
205-536-3904

N = Charlotte VEC, 227 Bennett Ln, Charlotte, NC 28213;  
704-596-2168

D = Great Lakes ARC VEC Inc., PO Box 273, Glenview, IL 60025;  
708-486-8019

E = Golden Empire ARS, PO Box 508, Chico, CA 95927; No phone.

G = Greater Los Angeles ARG, 9737 Noble Ave, Sepulveda, CA 91343;  
818-892-2068, 805-822-1473.

J = Jefferson ARC, PO Box 24368, New Orleans, LA 70184-4368;  
504-737-2315. Test fee for 1994 is \$5.00.

K = Koolau ARC, 45-529 Nakuluai St, Kaneohe, HI 96744;  
808-235-4132

L = Laurel ARC Inc., PO Box 3039, Laurel, MD 20709-0039;  
(d) 301-572-5124, 301-317-7819, (n) 301-588-3924

M = The Milwaukee RAC Inc., 1737 N 116th St, Wauwatosa, WI 53226;  
414-774-6999. Test fee for 1994 is \$5.00.

H = Mountain ARC, PO Box 10, Burlington, WV 26710; 304-289-3576,  
301-724-0674

P = PHD ARA Inc., PO Box 11, Liberty, MO 64068; 816-781-7313

R = Sandarc-VEC, PO Box 2446, La Mesa, CA 91943-2446; 619-465-3926

S = Sunnyvale VEC ARC, PO Box 60307, Sunnyvale, CA 94088-0307;  
408-255-9000

T = Triad Emergency ARC, 3504 Stonehurst Pl, High Point, NC 27265;  
919-841-7576

W = Western Carolinas ARS VEC, 5833 Clinton Hwy - Suite 203,  
Knoxville, TN 37912-2500; 615-688-7771.  
The 1994 test fee is \$5.75.

5 = W5YI-VEC, PO Box 565101, Dallas, TX 75356-5101; 817-461-6443  
The 1994 test fee is \$5.75.

EXAMINATION OPPORTUNITIES OUTSIDE THE UNITED STATES:

GUAM

03/20/94,A,Adelup,,627-646-7611,Harry Y Taguchi

06/19/94,A,Adelup,,627-646-7611,Harry Y Taguchi

US VIRGIN ISLANDS

04/09/94,A,St Croix,,809-778-3156,Frank Jaeger

05/14/94,A,ST Thomas,,809-774-4740,Ronald A Hall Sr

OTHER:

03/19/94,A,Australia,,089-531-305,Maury Hatfield

04/03/94,A,England,,144-423-870,Mike Parker N6SVL

03/19/94,A,Germany,,06561-18202,George L Hoke

03/26/94,A,Japan,,243-6092,Paul W Jackson USN

03/26/94,A,Japan,,098-633-1728,Alice Kottmyer

03/26/94,A,Papua New Guinea,,FAX-77-3504,Randall Pearson

04/17/94,A,Saipan,,670-234-6323,David Hardt

\*EOF

-----  
Date: Sun, 20 Mar 1994 13:13:11 MST

From: ihnp4.ucsd.edu!mbv.saic.com!news.cerf.net!usc!howland.reston.ans.net!  
math.ohio-state.edu!cyber2.cyberstore.ca!nntp.cs.ubc.ca!alberta!ve6mgs!  
usenet@network.ucsd.edu

Subject: WARNING: Potential Satellite Anomaly Warning Update - 20 March

To: info-hams@ucsd.edu

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POTENTIAL SATELLITE ANOMALY WARNING

ENDED: 05:00 UT, 20 MARCH

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ATTENTION:

Energetic electrons at greater than 2 MeV are finally abating back toward quieter levels. This disturbance lasted 11 days and is expected to recur around 04 or 05 April when the coronal hole associated with this activity returns to a geoeffective position.

\*\* End of Warning \*\*

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Date: Mon, 21 Mar 94 11:48:23 GMT  
From: mnemosyne.cs.du.edu!nyx!dtock@uunet.uu.net  
Subject: What is (and how do I make) a diplexer?  
To: info-hams@ucsd.edu

I know I could go and buy a diplexer ( to drive a VHF and a UHF antenna from the single output of my dual bander) but they seem very expensive for what should only be a couple of coils and a couple of capacitors (OK a few of each).

I have checked all my antenna and radio books, and all those I can find in the library, but none of them even mentions diplexers.

Can someone please point me towards or provide design details, or a circuit description, or ANYTHING. Maybe even a different (i.e.correct) name so I can find them in the index. I don't believe there is nothing written about them.

Incidentally, I am UK based, so UK magazines (i.e. RadCom or PW) would do...

Thanks

David (GM0SYA)

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End of Info-Hams Digest V94 #314

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